Instructions to Designers & Awarding Authorities For Bid Document Preparation

FRONT ENDS FOR MODERNIZATION AND DEVELOPMENT OF STATE-AIDED PUBLIC HOUSING

SITE WORK - \$10,000 OR MORE C.30 §39M PROJECTS

JULY 1, 2011





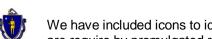
DEVAL L. PATRICK, GOVERNOR TIMOTHY P. MURRAY, LT. GOVERNOR GREG BIALECKI, SECRETARY, EOHED

CHAPTER 30 §39M BIDDING REQUIREMENTS

Site Work Contracts over \$10,000 INSTRUCTIONS TO AWARDING AUTHORITIES

If you have any questions regarding the appropriate bidding statutes consult with your DHCD Project Manager.

- The instructions in this guide are supplemented by comments on some of the documents. The comments are included on the documents in *blue hidden text*. Be sure to turn off the print hidden text feature before printing the final version of each document.
- The following instructions will take you through each of the necessary documents so that you can complete the Project Manual. Please read these instructions carefully, modifying each section as instructed to meet the requirements for your particular project. We suggest you read through these instructions completely before starting as that may help answer questions in subsequent sections.
- The form and content of much of the attached material is mandated by the Commonwealth's public bid laws, so your careful attention to these requirements can help prevent costly delays or claims during the bidding or construction periods.
- If a section or form does <u>not</u> require modifications, reproduce the sections or forms directly from this package. This will expedite DHCD review. Modifying the documents (for example adding special headers or footers) will slow the DHCD review process as each page must then be individually reviewed. You can obtain copies of all documents on the DHCD website www.mass.gov/dhcd.
- Most of the items requiring investigation or modification are **shown in Bold Colored text** in the instructions and /or shown in *Hidden Text* on the hard copy of the sections and the electronic copy. You will need to turn on your show hide feature and print Hidden Text under print options.
- Ask the DHCD Project Manager if you have questions about the forms or any other matters during the bidding phase of the project. The front ends are updated regularly, be sure you are using the **most current documents.**
- DCAMM certification is NOT required for Site Related projects
- Filed Subs are NOT required for Site Related projects



We have included icons to identify items that are required by Massachusetts General Law and items that are require by promulgated regulations.



- Bid Document distribution may be done by the LHA or by a firm that specializes in Bid Document distribution. Consult with your project manager if you desire additional information about this process.
- We ask that you not change the footers since that information helps us speed up our reviews. As for the sections that require modification, we ask that submissions include these modification highlighted in some way, either colored text or some other defined way for us to quickly identify the modifications.

• PROCUREMENT AND CONTRACT FORMS

c.30 §39M Site Related Projects over \$10,000

BID PACKETS

Prepare Bid Packets to provide to prospective bidders when they pick up Contract Documents.

Include the following in these packets:

■ BID FORMS

1. Three (3) copies of 00.41.16 Form for General Bid,

☐ 00.43.94 BIDDERS CHECKLIST

- 1. Include the Bidders Checklist in the Bid Form Packets.
- This Checklist is to assist bidders with bid preparation and help them avoid technical bid mistakes.
- The Checklist is not part of the Bid Form and, therefore, is NOT REQUIRED TO BE SUBMITTED WITH THE BID but should a bidder include it with a bid it does not void the bid.

Should bidders request only Bid Packets, please provide them free of charge.

PROJECT MANUAL

- ☐ The Project Manual consists of the following:
 - 1. Procurement and Contract Forms

Advertisement, Instructions to Bidders Bid Forms, Contract Forms,

- 2. General Conditions of the Contract, and any Supplementary Conditions,
- 3. Division 1 General Requirements, and
- 4. Division 2 Technical Specifications.
- We have included samples of all the required forms. Please review, modify if required, and include each form in the Project Manual.

These instructions explain what to do with each form.



PREPARING PROCUREMENT AND CONTRACT FORMS

• PROCUREMENT AND CONTRACT FORMS

c.30 §39M Site Related Projects over \$10,000

00.01.00 PROJECT MANUAL COVER/TITLE SHEET

- Modify as required for this specific project.
 - Include a very Brief Description of the Work for example Septic System Upgrade
 - Include the Name of the Development and Number for example Prescott 667-1
 - Include the Address of the Work Site
 - Electronic versions can be found on the DHCD web site at www.mass.gov/dhcd

00.10.00 TABLE OF CONTENTS

- Modify as required for this specific project. Electronic versions of a sample Table of Contents can be found on the DHCD web site www.mass.gov/dhcd.
- Insert Technical Specification information into the Table of Contents.
- ☐ Include a List of All Drawings at the end of the list of Technical Specification sections

PROCUREMENT & CONTRACT FORMS

All of the possible Forms and Contracts are provided on the DHCD Web Page www.mass.gov/dhcd. Most of the forms are available in PDF format these should be printed and included in the Project Manual as you find them. There are at least three forms that require modification for every project these are available in MSWord format. Modify the form to suit the specifies of the project and include the forms in the project manual.

PROCUREMENT FORMS

00.11.39 ADVERTISEMENT

Advertisement Preparation

 A sample Form for Advertisement is provided in this package. Modify to fit the specific project (Bolded Items require modification or additional information). Electronic versions can be found on the DHCD web site www.mass.gov/dhcd.

Do not shorten this advertisement.



The sample represents the minimum information required to meet the provisions of M.G.L. c.30 §39M.



PREPARING PROCUREMENT AND CONTRACT FORMS

9/09/2009

• PROCUREMENT AND CONTRACT FORMS

c.30 §39M Site Related Projects over \$10,000

<u>Do Not</u> make other changes or deletions to this document unless the DHCD Project Manager so instructs you. There is statutorily required information in this form, omitting information can result in a legally mandated re-bid.

The Advertisement must include:

- Description of Project;
- Estimated Cost of Construction;
- Prevailing Wage Language;
- Where & When Plans & Specs are Available;
- Where & When to Submit Bids;
- Other Pertinent Information, such as:
 - MBE/WBE Information
 - Availability of Site for Inspection
 - Pre-Bid Conference
- 2. Review the Bidding Schedule with the LHA and DHCD Project Manager before preparing the Advertisement.
- 3. Bid openings are best scheduled for 2 o'clock to allow the morning for bid preparation.



- 4. The Advertisement is the document where bidders look for MBE-WBE requirements that make the MBE-WBE Requirements enforceable.
 - ☐ If MBE-WBE Participation requirements are not spelled out in the Advertisement, the requirement cannot be imposed after the fact.

Advertisement Publishing

- This Advertisement shall be published in a newspaper of general circulation in the locality of the proposed project once, two weeks before the first bid opening. Coordinate with the DHCD Project Manager and LHA to determine who will place the ad and in which publication(s).
- 2. A notice of Bidding Opportunity must appear in the Central Register
- 3. The DHCD Project Manager will place the notice in the Central Register.
- 4. The Advertisement must also be posted in a conspicuous place in or near the Housing Authority office one week before the bid opening.



• PROCUREMENT AND CONTRACT FORMS

c.30 §39M Site Related Projects over \$10,000

Send the Ad and, when appropriate, copies of the plans and specifications to any of the listed periodicals. These periodicals are all free to awarding authorities.

BIDDING PERIODICALS

McGraw-Hill Construction
Designers Deliver Plans to:
34 Crosby Dr
Bedford, MA
Phone (781) 430-2001

Fax: (877) 558-8282

Email Addenda to:

dodge_reocna@mcgraw-hill.com
For more information about Dodge Reports

go to <u>www.construction.com</u>

Reed Construction Data

Document Processing Center 30 Technology Parkway South, Suite 500

Norcross, GA 30092-2912

Phone: (203) 426-0450 Fax: (203) 426-4578 Fax addenda to 800 303-8629

Publishes Bidding Opportunities Nation Wide

Operates a Plan Room in Woburn, MA

Publishes Bidding Opportunities in Eastern Mass and

No Charge to Owners

Worcester County

No Charge to Owners

www.reedplans.com

Project Dog

Phone: (978) 499-9014

www.projectdog.com

Provides information about bidding opportunities to

contractors

No Charge to Owners

00.21.39 INSTRUCTIONS TO BIDDERS

- □ Reproduce as provided Do not attempt to revise
- The document is provided in PDF format.

00.41.39 FORM FOR GENERAL BID



- ☐ This is a statutory form. The substance of this form cannot be altered.
- □ Do Not fill in the names, amounts. Bidders are completely responsible for filling out this form. Technical errors could render their bids invalid.
- ☐ Include one copy of General Bid Form in the Project Manual and include 3 copies in Bid Packets, described on page 3.
- This document is provided in PDF format



PREPARING PROCUREMENT AND CONTRACT FORMS

9/09/2009

• PROCUREMENT AND CONTRACT FORMS

c.30 §39M Site Related Projects over \$10,000

00.43.94	BIDDER'S CHECKLIST
	☐ This checklist is provided to help bidders with bid preparation.
	Include a copy of this checklist in the Bid packets which are given out with the bid documents.
	☐ This form does not have to be submitted with the bid ☐ but if it is it does not void the bid
	☐ This document is provided in PDF format
	CONTRACT FORMS
00.52.00	FORM OF OWNER/CONTRACTOR AGREEMENT
00.53.00	FORM OF CORPORATE VOTE
<u>00.61.13</u>	FORM OF PERFORMANCE BOND
00.61.16	FORM OF PAYMENT BOND



• CONDITIONS OF THE CONTRACT

c.30 §39M Site Related Projects over \$10,000

CONDITIONS OF THE CONTRACT

00.72.39

GENERAL CONDITIONS OF CONTRACT



DHCD has prepared General Conditions that incorporate all of the provisions required by the Massachusetts bid laws as well as other provisions that are typically included in other publications such as those prepared by the AIA.

This is the <u>ONLY</u> acceptable document for use on DHCD funded public housing construction contracts.

DO NOT ALTER THE GENERAL CONDITIONS IN ANY WAY.

The AIA General Conditions are **not** acceptable for DHCD funded projects.

0073.XX

Other Supplements to the General Conditions

Modifications to the General Conditions require DHCD Project Manager's approval.

Create Supplementary Conditions to make modifications or add supplements.

- ☐ A change in paper color (versus the General Conditions) will make them more noticeable.
- ☐ Items that may warrant Supplemental Conditions would be:
 - 00.73.10 Mixed Finance Special Requirements
 - 00.73.23 Relocation Requirements



• EEO AND AFFIRMATIVE MARKETING PROGRAM REQUIREMENTS

c.30 §39M Site Related Projects over \$10,000

EEO AND SUPPLIER DIVERSITY PROGRAM

00.73.36



EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS 2003



□ Determine if manpower monitoring requirements will be needed for this project. These requirements typically apply to all construction projects.

☐ These documents are provided in PDF format for the purposes of preparing the Front End. Contractors have access to the forms on the DHCD Website www.mass.gov/dhcd

☐ Reproduce and include these forms in the Project Manual if required.

<u>00.73.36.01</u>

FORM OF CONTRACTORS EQUAL EMPLOYMENT CERTIFICATION POPE

00.73.36.03 CONTRACTOR'S WEEKLY MANPOWER REPORT FORM

00.73.39



SUPPLIER DIVERSITY PROGRAM REQUIREMENTS ONLY

APPLICABLE ON PROJECTS \$100,000 OR MORE



- □ Determine if MBE/WBE requirements will be needed for this project. The requirements for all contracts are specified in the Advertisement. The Advertisement is the only place the exact requirement is defined.
- ☐ If there will be NO MBE/WBE requirements for this project the Front End needs to be modified as follows:
 - 1. Do not include the requirement in the Advertisement
 - 2. Do Not include Section 00.73.39 in the Contract Documents
 - 3 Modify the Table of Contents appropriately
 - 4. Do not include the next three forms
- ☐ These documents are provided in PDF format for the purposes of preparing the Front End. Contractors have access to the forms on the DHCD Website www.mass.gov/dhcd
- □ Reproduce and include these forms in the Project Manual if SDP is part of this contract.
- ☐ The apparent low general bidder is required to submit the next two forms within 5 working days of the General Bid opening. The Affidavit of Payment is submitted before the Final Payment for Construction.

00.73.39.01 SDO CERTIFIED MBE/WBE PARTICIPATION SCHEDULE

00.73.39.02 MBE/WBE LETTER OF INTENT

00.73.39.05 AFFIDAVIT OF PAYMENT TO MBE/WBE



• Prevailing Wages and Labor Regulations

c.30 §39M Site Related Projects over \$10,000

00.73.43



New Section

LABOR REGULATIONS **205**

This Section includes Prevailing Wage Requirements, Apprenticeship Program Requirements and Worker Training Requirements.

- Reproduce this section as provided, without modification.
- 2. Request wage rates on line before bidding. www.mass.gov/dos/pwrequest/index.htm
- 3. The rates must be issued not more than 90 days prior to the first bid opening.
- 4. Wage Rates must be included in the Project Manual (in this section) and be made part of the Contract per M.G.L. c.149 §§26-27H
- 5. A copy of the Contractors Certificate of Compliance and Weekly report form should also be included in this section. Both of these forms are available online from the DOS website.
- 6. If a project has a time of completion of more than 365 calendar days or if a project runs over a 365 days the awarding authority is required to obtain updated wage rates to provide to the general contractor





DIVISION ONE

c.30§39M Site Related Projects over \$10,000

DIVISION ONE

DHCD has a Division One of the Specifications for all projects

This portion of the Front End of the Specifications will require considerable review and modification. Some sections contain provisions that differ if the job is modernization or new development.

The general rules for preparing the Division One are:

- ☐ Include every section unless the instructions specifically indicate that it need not be included or if you are instructed by the DHCD reviewer to delete the section.
- Most of the items requiring investigation or modification are shaded or are shown in Blue Hidden Text on the electronic copy.

<u>01.11.00</u>

SUMMARY OF WORK WODE

- ☐ Include each paragraph unless specifically not applicable.
- Expand this section to explain any circumstances unique to the Project, especially Work under separate Contracts. Be sure the LHA knows its obligations for Work under Separate Contracts.
- Review Time of Completion with DHCD reviewer who will coordinate with the DHCD Project Manager.



DO NOT LEAVE TIME OF COMPLETION BLANK!!!

USE CALENDAR DAYS

01.22.00

UNIT PRICES WOTE

Unit Prices can be used in one of **two** ways, discuss with the DHCD Design Reviewer before including Unit Prices in any Contract Documents.

- 1. UNIT PRICES <u>PREDETERMINED BY THE DESIGNER</u>: This method is most commonly used for new development projects and some modernization contracts. Follow these basic guidelines:
 - ☐ Use Unit Price items that are necessary for the project and consistent with the:
 - 1. Work Required
 - 2. Specifications
 - 3. Location of Project
 - 4. Time of year that work will be complete
 - ☐ Unit Prices should be established for the job by the Designer's cost estimator. DHCD will not provide the Unit Prices.



Preparing the Existing Conditions Section

DIVISION ONE

c.30§39M Site Related Projects over \$10,000

		Earthwork Unit Prices should be computed/measured on a "compacted in place at maximum dry density" basis.	
		Review the Unit Prices with the DHCD reviewer.	
		Include the Schedule of Unit Prices in the Project Manual as part of Section 01.22.00.	
		If the actual soil conditions are questionable, prepare specifications that instruct the Bidders to include a specific quantity of the appropriate work item in their base bid. This will minimize the effect of change orders later.	
2.	UNIT PRICES PROVIDED BY THE CONTRACTOR AS PART OF A UNIT PRICE BID This process is typically used on site work contracts when the work items are well quantified. (For example - paving work.) and on some shingle replacement projects Follow these guidelines if you have a Contract that may be bid using this process:		
		Obtain a sample Unit Price Bid Front End from the DHCD Project Manager.	
		Prepare a Unit Price Bid Form for your project using the template format.	
		Provide the quantities on the Bid Form before printing.	
		The Unit Prices given will be the basis for computing the Base Bid and any change order work.	

01.23.00

ALTERNATES WOTE

- 1. Alternates may be requested in appropriate situations, the DHCD reviewer will decide when it is appropriate.
- 2. DHCD may request Alternates to provide a means to determine the cost of work funded by other sources.
- 3. The scope of each Alternate must be carefully described on the plans and specifications to assure competitive bidding.
- 4. Reference each specification section affected.

Check carefully to be sure that all affected specification sections that refer back to this Alternates section have been properly cross referenced.



- 5. Alternates must be accepted in the order listed. Select order carefully, and check wording of each Alternate to avoid having to accept undesirable Alternates to get to necessary Alternates.
- 6. Alternates not accepted at Award <u>cannot</u> be added later by Change Order, this is illegal.
 - Attempting to do this can be construed as manipulating the outcome of the bid.
- 7. Delete this section entirely if no Alternates are used.
- 8. If necessary modify <u>General Bid Form</u> when Alternates are used. If there are 5 alternates there needs to be 5 lines, one for each alternate.
 - Bidders are not required to provide information if space is not provided for that information.
- 9. Avoid mixing unit price bid work with lump sum alternates, it causes confusion during bidding and construction



PREPARING THE EXISTING CONDITIONS SECTION
12 of 17

DIVISION ONE

c.30§39M Site Related Projects over \$10,000

00.25.00 OR EQUALS 2013

Reproduce this section as provided. DO not modify. Designers are responsible for their consultant's specification sections and their actions during Construction Admin with regard to this matter.

01.26.00 CONTRACT MODIFICATION PROCEDURES

Reproduce this section as provided. Do not modify.

AIA documents for Change Orders are not acceptable on DHCD projects.

The Sample forms are provided for information purposes and are available on the DHCD web site when needed.

01.26.00.01 SAMPLE CHANGE ORDER FORM

01.26.00.02 SAMPLE CONSTRUCTION CHANGE DIRECTIVE FORM

01.29.00 PAYMENT PROCEDURES

Reproduce this section as provided. Do not modify.

Contractor payments are a heavily regulated matter and this process has been developed to help fairly and effectively process payments within the requirements of Mass Law.

The sample payment forms included in this section are the preferred documents for processing payments. Original copies can be downloaded from the DHCD web site.

01.29.00.01 SAMPLE APPLICATION FOR PAYMENT COVER SHEET

01.29.00.02 SAMPLE APPLICATION FOR PAYMENT CONTINUATION SHEET



Preparing the Existing Conditions Section

7/10/2011

DIVISION ONE

c.30§39M Site Related Projects over \$10,000

01.31.00 PROJECT MANAGEMENT & COORDINATION WODE

- Clarify the need and budget for a Resident Coordinator with the LHA, for Modernization Contracts.
- 2. Determine if the scope of the work will affect or be disruptive to the residents over the holidays or if there are other Relocation issues that may need to be addressed.
 - For example, projects that require work around Thanksgiving and Christmas tend to cause controversy.
- 3. Also provide for situations where contractors may have to make special arrangements to complete work within a unit in one day or get plumbing facilities available during modernization.
- 4. This would be the appropriate section to deal with things such as removing and reinstalling window shades or special resident owned items.

Typically, this is the section to indicate where relocation or moving Residents Belongings or other Owner's property is part of the contract. If the matter is important or very complicated consider providing a section 01.35.XX for Special Project Procedures or Alteration Project Procedures. Discuss this with the DHCD Design Reviewer before adding such a section.

01.33.00 SUBMITTALS, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES WORLD

- 1. With the exception of providing the number of copies for submittals this section should be reproduced as provided.
- Coordinate this section with the technical specifications, pay particular attention to consultants sections which may have language in that may contradict requirements of this section.

01.35.XX SPECIAL PROJECT PROCEDURES WOTE

Use this section only after consulting with the DHCD Design Reviewer about how it should be structured or if the information can be more appropriately included in section 01.31.00 Project Management and Coordination

01.45.00 QUALITY CONTROL WODE

- Modify this section to provide for the ability to implement testing services under the Designer's direction. The amount and costs for testing during need to be appropriately balanced to provide for a successful project while effectively using available financial resources
- Coordinate this section with the technical specifications, pay particular attention to consultants sections which may contain language that may contradict requirements of this section.



PREPARING THE EXISTING CONDITIONS SECTION

• DIVISION ONE

c.30§39M Site Related Projects over \$10,000

01.50.00 TEMPORARY FACILITIES WORLD

- 1. Review this section with DHCD Project Manager and DHCD Project Reviewer to determine what items will be included/deleted. Modify the section as needed.
- 2. Be sure of coordination with local utility companies so that bidders will be able to obtain appropriate information for temporary electricity and other utilities.
- 3. Assume there will not be a Project Sign unless you are directed otherwise
- 4. Decide which items you want the contractor to provide, consider:
 - Office and Trailers
 - ☐ Office furniture + equipment
 - ☐ Telephones + Plain Paper Fax Machine
 - Computer for Project Representative with ISP Service
 - Sanitary Facilities for Workers
 - Structures/Storage
 - Temporary Heat
 - Temporary Water and Electricity
 - Weather Protection and;
 - Project Sign.

01.73.29 CUTTING AND PATCHING World

 Reproduce as provided, unless modification is needed to accommodate special conditions on the project.

The intent is to have the General Contractor in **Complete** control of Cutting and Patching.

2. Coordinate this section with technical specifications, pay particular attention to consultants who may have language in technical section(s) that may contradict the requirements of this section

<u>01.74.13</u> <u>PROGRESS CLEANING FINAL CLEANING Material</u>

Typically not used on site contract unless special conditions exist.

01.74.19 CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL WOTE

Incorporate requirements developed with a Waste Management Consultant when required in the RFS.

Do not include this section when a Waste Management program is not required. Discuss with the DHCD Design Reviewer.

01.74.19.01 PRE-CONSTRUCTION WASTE MANAGEMENT REPORT FORM - MANDATORY WOTE

The Designer needs to complete the Mandatory recycling List on this form and include it in the Contract Documents



Preparing the Existing Conditions Section
15 of 17

DIVISION ONE

c.30§39M Site Related Projects over \$10,000

01.77.00

CLOSE OUT PROCEDURES WOE

Include this section in the Project Manual as provided. This section provides for all of the completion Items required by MGL c.149 which are also described in the Construction Handbook. Also include any special requirements that may apply to this contract or special requests from the LHA.

Include requirements for Owners Manuals and Training of Owners Personnel.

01.77.00.01

SAMPLE CERTIFICATE FOR SUBSTANTIAL COMPLETION DE

01.77.00.02

SAMPLE CERTIFICATE FOR PARTIAL RELEASE OF RETAINAGE

01.77.99.03

SAMPLE CERTIFICATE FOR FINAL COMPLETION POP

01.78.29

FINAL SURVEYS, WOTE

If surveys are not required delete or modify this section

1. Foundation Survey

Use this section if this is a new project with new foundations, some towns will only issue a foundation permit and will require this survey before they issue the final building permit

2. Septic System Survey.

If the project has a septic system determine if the Local Board of Health requires a registered survey before the new system can be backfilled and if it does incorporate that requirement into the Contract Documents

Determine this requirement before bidding

01.78.39

PROJECT RECORD DRAWINGS WOTE

Modify this section to provide the LHA with adequate records for future maintenance and Modernization projects.

Generally the contract should require the Contractor to provide the Designer with marked up drawings indicating the As Built conditions. The Designer will transfer the As Built information to a final set of drawings which will ultimately be provided to the LHA in an electronic format and in hardcopy.

The Designer will be reimbursed, as provided in the Contract for Designer Services, for the out of pocket costs for providing these documents to the LHA. The drafting for Record Drawings is part of Basic Services provided by the Designer.

01xxx

OTHER

- 1. If other Division 1 sections, unique to this project, are necessary, review with DHCD Project Manager.
- 2. Use similar format, when applicable, for example:
 - Measurement and Payment of Unit Price work
 - □ Comprehensive Permit Conditions:
 - Conservation Commission Order of Conditions; and
 - Similar documents.



PREPARING THE EXISTING CONDITIONS SECTION

7/10/2011

• EXISTING CONDITIONS

c.30§39M Site Related Projects over \$10,000

02.06.00

EXISTING CONDITIONS

IT IS THE DESIGNER'S JOB TO DESIGN THE PROJECT

DO NOT ASSUME THAT BECAUSE SOIL EXPLORATION OR EXISTING BUILDING EXPLORATION DATA IS MADE AVAILABLE AS PART OF THE PLANS THAT BIDDERS WILL INCLUDE WORK IN THEIR BID THAT EXCEEDS YOUR DESIGN REQUIREMENTS.

BIDDERS WILL BID PRECISELY UPON THE DESIGN

This provides the concept of EQUAL FOOTING

DO NOT rely on catch - all phrases to inform Contractors that they are responsible for unknown existing conditions.

Indicate the reliability of the information presented in this section. MGL c30 § 39N afford Contractors considerable protection against less than clear and thorough Contract Documents.

02.06.13

Existing Subsurface Conditions word

- 1. Be sure to indicate ground water level in this section.
- 2. If borings/test pits are taken during dry periods, this should be noted and a higher groundwater level should be stated in this section.
- 3. This section can be modified if all boring/test pit information or existing building information is on the drawings.



PREPARING THE EXISTING CONDITIONS SECTION